

Panama Canal Regulations

§ 121.68

The setting of such valves shall be carefully checked at each inspection and adjusted if necessary.

§ 121.63 Guards in dangerous places.

Inspectors shall examine all places where there is a possibility of a person being caught in machinery to see that they are provided with substantial guards over such mechanisms as gearings and couplings, flywheels or generators, refrigerating machinery, etc.

§ 121.64 Unfired pressure vessels.

(a) Unfired pressure vessels in service which are fitted with manholes or other inspection openings so that they can be satisfactorily examined internally, shall be opened biennially and thoroughly examined internally and externally.

(b) Unfired pressure vessels which have neither manholes nor inspection openings and cannot be satisfactorily examined shall be tested biennially to a hydrostatic test of one and one-fourth times the maximum allowable working pressure.

(c) Unfired pressure vessels shall be protected by a relief valve set to relieve at a pressure not exceeding that for which the vessel is designed, and of sufficient relieving capacity to prevent a pressure increase exceeding 10 percent above the maximum allowable pressure. In no case shall the diameter of the relief valve be less than one-half inch.

(d) At each inspection period the inspector shall check the setting of the relief valves and make any adjustments that may be necessary to keep the pressure vessel within the maximum allowable pressure.

(e) As used in this part, "unfired pressure vessel" means a tank containing gas, vapor, or liquid, or a combination thereof, under pressure and not exposed to the products of combustion.

§ 121.65 Notice to the Marine Safety Unit of vessel on dock; alterations.

(a) Whenever any vessel under the supervision of the Marine Safety Unit is placed upon the dock for repairs it shall be the duty of the owner or responsible official to report same to the Marine Safety Unit so that a thorough

inspection may be made to determine what is necessary to make such vessel seaworthy. No repairs or alterations affecting the safety of the vessel, either in regard to hull or machinery, shall be made without the knowledge and authority of the Marine Safety Unit. Notice of such repairs and alterations is necessary even if such work does not require the vessel to be placed in a dry-dock.

(b) When a repair or alteration ordered by the Marine Safety Unit has been completed the same shall be reported to the Marine Safety Unit in writing by the owner or responsible official.

[54 FR 37328, Sept. 8, 1989]

§ 121.66 Whistles.

Every inspected vessel under the supervision of the Marine Safety Unit shall be provided with an efficient whistle suitable for sounding the necessary whistle signals. Means shall be provided to operate the whistle from a position adjacent to the main steering station and from the remote steering station where such steering station is fitted. Details of the whistle operating devices shall meet the requirements of 46 CFR chapter I, subchapter J (Electrical Engineering).

[54 FR 37328, Sept. 8, 1989]

§ 121.67 Fog bells.

Inspected vessels 12 meters in length or greater, under the supervision of the Marine Safety Unit, shall be provided with an efficient fog bell. The bell, of corrosion resistant material, shall produce a clear tone at a sound pressure level of not less than 110 decibels at a distance of 1 meter. The diameter of the mouth of the bell shall not be less than 300mm for vessels of 20 meters or more in length, and shall be not less than 200mm for vessels of 12 meters to 20 meters in length. The mass of the striker shall not be less than 3 percent of the mass of the bell.

[54 FR 37329, Sept. 8, 1989]

§ 121.68 Engine signals; voice tubes.

Inspected vessels using bell signals between the pilot house and engine room shall have a tube, of proper size, so arranged as to return the sound of

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the bell signals to the pilot house, and shall also be provided with a speaking tube or other device for the purpose of conversation between the pilot house and engine room. In all cases where a telegraph is used the signal shall be capable of being repeated back to the pilot house.

§ 121.69 Proceeding to another port for repairs.

The Marine Safety Unit may issue a permit to proceed to another port for repairs, if in its judgment this can be done with safety. Such a permit shall state the conditions upon which it is granted.

[54 FR 37329, Sept. 8, 1989]

§ 121.70 Marking of draft on vessel.

All vessels 20 gross tons and over, under supervision of the Marine Safety Unit, shall have the draft of the vessel plainly and legibly marked upon the stem and upon the stern post or rudder post or at such other place at the stern of the vessel as may be necessary for easy observance. The draft shall be taken from the bottom of the lowest part of the keel to the surface of the water, the bottom of the mark to indicate the draft in feet. Sufficient marks shall be used to cover all working and loading conditions of the vessel. If any part of the hull or permanent equipment extends below the lowest part of the keel, the master or other responsible person shall produce evidence from which the vessel's maximum immersion may be determined.

[54 FR 37329, Sept. 8, 1989]

§ 121.71 Emergency lighting system.

Provision shall be made on passenger vessels, tug boats and dredges for an electric system of lighting, sufficient for all requirements of safety, throughout the vessel. There shall be a self-contained electric source capable of supplying power when necessary. Emergency lights shall be tested at least once each week. The date of the tests required by this section shall be noted in the vessel's logbook.

[54 FR 37329, Sept. 8, 1989]

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§ 121.72 Repairs to firefighting and lifesaving apparatus.

No extensive repairs or alterations, except in an emergency, shall be made to lifesaving or firefighting equipment without prior notice to the Marine Safety Unit.

[54 FR 37329, Sept. 8, 1989]

§ 121.73 Extra steering apparatus.

Extra steering apparatus consisting of relieving tackle, or of auxiliary power, or hand steering gear attached to the rudder stock independent of the regular steering gear shall be provided on vessels under jurisdiction of the Board.

§ 121.74 Repairs on boilers and unfired pressure vessels.

(a) Before undertaking repairs to a boiler or unfired pressure vessel, the engineer in charge of such vessel shall report the condition necessitating repairs and the nature of the proposed repairs to the Marine Safety Unit in writing.

(b) When damage occurs to boilers or pressure vessels through an accident that tends to render the further use of such boilers or pressure vessels unsafe until repairs are made, the engineer in charge thereof shall promptly report the facts of the accident and the proposed repairs to the Marine Safety Unit in writing.

(c) In cases requiring a written report under this section, repairs shall not commence until the Marine Safety Unit's Inspector has approved the proposed plan of repairs.

[54 FR 37329, Sept. 8, 1989]

§ 121.75 Increase in passenger allowance.

Increase in the passenger allowance of any vessel, whether specified in regular certificate or by special certificate for excursion, shall be permitted only after a careful inspection which shows that the vessel is properly equipped, and that the increase is safe and proper.

§ 121.76 Inclining test.

When the Marine Safety Unit has any reason to question the stability of any